

## PROJECT 10073 RECORD CARD

1. DATE 19 June 1963	2. LOCATION 42.20 N 172.00W (pacific)	12. CONCLUSIONS <input type="checkbox"/> Was Balloon <input type="checkbox"/> Probably Balloon <input type="checkbox"/> Possibly Balloon  <input type="checkbox"/> Was Aircraft <input type="checkbox"/> Probably Aircraft <input type="checkbox"/> Possibly Aircraft  <input type="checkbox"/> Was Astronomical <input type="checkbox"/> Probably Astronomical <input type="checkbox"/> Possibly Astronomical  <input type="checkbox"/> Other _____ <input checked="" type="checkbox"/> Insufficient Data for Evaluation <input type="checkbox"/> Unknown
3. DATE-TIME GROUP Local _____ GMT 19/1435Z	4. TYPE OF OBSERVATION <input type="checkbox"/> Ground-Visual <input type="checkbox"/> Ground-Radar <input checked="" type="checkbox"/> Air-Visual <input type="checkbox"/> Air-Intercept Radar	
5. PHOTOS <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6. SOURCE military	
7. LENGTH OF OBSERVATION 3 min	8. NUMBER OF OBJECTS one	9. COURSE East
10. BRIEF SUMMARY OF SIGHTING Silver object about 21 deg above horizon observed for 3 minutes. Moving at high speed in West to East flight.		11. COMMENTS Description did not indicate features of a/c, however the duration of the sighting is consistent with a/c analysis. Object was carried a/c by the Navy monitoring this sector. Case considered as insufficient data. ECHO <u>NOT RULED</u> OUT HEADING SE AT 400N 202°W AT 19/1437Z.

ATIC FORM 329 (REV 26 SEP 52)

19/1435Z

DEPARTMENT OF THE AIR FORCE  
STAFF MESSAGE BRANCH  
UNCLASSIFIED MESSAGE

*Friend*

PAGE 1 of 2

AF IN : 5692 (19 Jun 63) G/sf INFO : NIN-9, XOP-1, XOPX-4, SAF-OS-3, DIA-25, DIA/CIIC-2,  
JCS-35, ARMY-2, CMC-8, OSD-15, CIA-11, NSA-7 (123)

0 1.

SMB A199

CZCHQA160ZCECB289

..... YY RUEAHQ

DE RUHPF B044

ZNR

Y 191513Z

FM COMBARPAC

TO RUKACR/COMALSEAFRON

RUKDAG/COMALAIRCOM

RUHLKM/CINCPACAF

ZEN/C INCNORAD

INFO RUECW/CNO

RUEAHQ/C OFS USAF

RUYPACINCPAC

RUHPB/CINCPACFLT

RUHAFS/CINCUSARPAC

RUHLKMP/PACAFBASECOM HICKAM

RUECW/SECNAV

RUHPHH/COMHAWSEAFRON

RUAUAH/HADD KUNIA

NAVY GRNC

BT

UNCLAS.

13.49 322.54  
1437 119.87  
 $\frac{119.87}{202^{\circ} \text{W}}$   
40°N SE →

DEPARTMENT OF THE AIR FORCE  
STAFF MESSAGE BRANCH  
UNCLASSIFIED MESSAGE

**INCOMING**

AF IN : 5692 (19 Jun 63)

2 of 2

A. JANAP 146D

1. CIRVIS

2. N143215

3. UFO

A. ONE

B. SILVER OBJECT ABOUT 21 DEGREES ABOVE HORIZON.

LOST IN THREE MINUTES

4. 4220N 17200W

5. 191435Z

6. UNKNOWN

7. WEST TO EAST

8. HIGH SPEED

9. NONE

BT

19/1514Z

NOTE : Advance copies del to NIN, XOPX & DIA.

DEPARTMENT OF THE AIR FORCE  
STAFF MESSAGE BRANCH  
UNCLASSIFIED MESSAGE

AF IN : 5704 (19 Jun 63) N/g INCOMING

INFO : NIN-9, XOP-1, XOPX-4, SAF-OS-3, ARMY-2, NAVY-2, CMC-8,  
SMB B164 JCS-35, OSD-15, DIA-11, NSA-7, DIA-25, DIA/CIIC-2

ZCHQA163ZCECB299

(128)

\*\*\*\*\* YY RUEAHQ

DE RUHPF B046

ZNRR

Y 191537Z

FM KOMBARPAC

TO RUKACR/COMALSEAFRON

RUKDAG/COMALAIRCOM

RUHLKM/CINCPARAF

ZEN/CINCNORAD

INFO RUECW/CNO

RUEAHQ/COFS USAF

RUHPA/CINCPAK

RUHPB/CINCPACFLT

RUHWFS/CINCUSARPAC

RUHLKMP/PACAF BASECOH HICKAM

RUECW/SECNAV

RUMPHH/COMHAWUEAFRON

RUUAUAAH/HADD KUNIAO

NAVY GRNC

BT

UNCLAS.

A. JANAP 146D

1. CIRVIS EVALUATION MX 191513Z.

UNIDENTIFIED

BT NOTE : Advance copies del to NIN, DIA & XOPX.

EQUATOR S-N												SATELLITE 1960 IOTA 1 FOR OTHER LATITUDES																																			
TIME (UT)			LONG. (IN)			LAT.			TIME (UT)			LONG. (IN)			HT. (IN-EI)			BEAR. (IN-EI)			NORTH-SOUTH			TIME (UT)			LONG. (IN)			LAT.			TIME (UT)			LONG. (IN)			HT. (IN-EI)			BEAR. (IN-EI)			NORTH-SOUTH		
JUNE 16, 1963																								JUNE 20, 1963																							
1 27.1	121.92	47.4	28.7	-82.72	1088	90.0*	28.7	-82.76	1088	90.0*	1 1916	137.19	47.4	29.0	-82.89	1042	90.0*	28.0	-82.93	1042	90.0*	1 27.1	121.92	47.4	28.7	-82.72	1088	90.0*	1 1916	137.19	47.4	29.0	-82.89	1042	90.0*												
3 22.2	151.03	45.0	23.2	-60.86	1026	72.3*	34.3	-104.58	1135	107.7*	3 14.6	166.25	45.0	22.8	-81.00	969	72.3*	33.6	-104.77	1106	107.7*	3 22.2	151.03	45.0	23.2	-60.86	1026	72.3*	3 14.6	166.25	45.0	22.8	-81.00	969	72.3*												
5 17.2	180.14	40.0	18.9	-45.65	969	60.7*	38.9	-119.73	1158	110.4*	5 916	195.96	40.0	18.4	-45.77	907	60.7*	38.1	-119.93	1142	110.4*	5 17.2	180.14	40.0	18.9	-45.65	969	60.7*	5 916	195.96	40.0	18.4	-45.77	907	60.7*												
7 12.3	209.24	35.0	15.7	-36.05	925	54.0*	42.3	-129.26	1186	126.1*	7 4.7	224.46	35.0	15.4	-36.15	861	54.0*	41.5	-129.46	1162	126.1*	7 12.3	209.24	35.0	15.7	-36.05	925	54.0*	7 4.7	224.46	35.0	15.4	-36.15	861	54.0*												
9 7.3	238.35	30.0	13.1	-28.73	887	49.4*	45.3	-136.51	1167	130.7*	9 59.7	253.56	30.0	12.8	-28.80	823	49.4*	44.3	-136.71	1172	130.7*	9 7.3	238.35	30.0	13.1	-28.73	887	49.4*	9 59.7	253.56	30.0	12.8	-28.80	823	49.4*												
11 2.4	267.46	20.0	8.4	-17.42	820	43.7*	50.7	-147.63	1133	136.5*	10 34.8	282.06	20.0	8.2	-17.47	760	43.8*	44.3	-136.85	1176	136.5*	11 2.4	267.46	20.0	8.4	-17.42	820	43.7*	10 34.8	282.06	20.0	8.2	-17.47	760	43.8*												
12 57.4	296.56	0.	0.	0.	720	40.0*	60.3	-164.73	1083	140.2*	12 4918	311.76	0.	0.	0.	675	40.0*	59.6	-164.91	1132	140.2*	12 57.4	296.56	0.	0.	0.	720	40.0*	12 4918	311.76	0.	0.	0.	675	40.0*												
14 52.5	325.67	-20.0	-8.1	17.49	664	43.8*	-45.6	148.94	974	136.4*	14 44.8	340.86	-20.0	-8.0	17.52	641	43.8*	-48.0	148.84	1036	136.5*	14 52.5	325.67	-20.0	-8.1	17.49	664	43.8*	14 44.8	340.86	-20.0	-8.0	17.52	641	43.8*												
15 47.6	354.78	-30.0	-12.4	28.80	656	49.5*	-40.7	137.68	909	130.6*	16 39.9	9.96	-30.0	-12.3	28.93	647	49.5*	-40.0	137.61	970	130.6*	15 47.6	354.78	-30.0	-12.4	28.80	656	49.5*	16 39.9	9.96	-30.0	-12.3	28.93	647	49.5*												
17 32.6	383.88	-35.0	-14.8	36.28	658	54.1*	-38.0	130.35	872	126.0*	18 34.8	39.05	-35.0	-14.7	36.32	658	54.1*	-38.2	130.30	932	126.0*	17 32.6	383.88	-35.0	-14.8	36.28	658	54.1*	18 34.8	39.05	-35.0	-14.7	36.32	658	54.1*												
19 27.7	412.99	-40.0	-17.6	45.98	666	60.6*	-35.0	120.72	832	119.3*	20 29.9	68.17	-40.0	-17.5	46.01	676	60.6*	-35.1	120.69	831	119.3*	19 27.7	412.99	-40.0	-17.6	45.98	666	60.6*	20 29.9	68.17	-40.0	-17.5	46.01	676	60.6*												
21 22.7	442.09	-45.0	-21.3	51.32	688	72.4*	-31.0	105.43	782	107.6*	22 25.0	97.27	-45.0	-21.3	61.35	710	72.4*	-31.0	105.42	831	107.7*	21 22.7	442.09	-45.0	-21.3	51.32	688	72.4*	22 25.0	97.27	-45.0	-21.3	61.35	710	72.4*												
23 17.8	471.20	-50.0	-26.1	83.37	728	90.0*	-26.1	83.41	728	90.0*	24 26.1	83.38	-47.4	-26.1	83.38	728	90.0*	-26.1	83.38	728	90.0*	23 17.8	471.20	-50.0	-26.1	83.37	728	90.0*	24 26.1	83.38	-47.4	-26.1	83.38	728	90.0*												
JUNE 17, 1963																								JUNE 21, 1963																							
1 27.8	111.20	47.4	28.5	-82.76	1078	90.0*	20.3	-82.80	1078	90.0*	0 2040	126.37	47.4	27.9	-82.73	1029	90.0*	27.9	-82.97	1029	90.0*	1 27.8	111.20	47.4	28.5	-82.76	1078	90.0*	0 2040	126.37	47.4	27.9	-82.73	1029	90.0*												
2 22.8	140.31	45.0	23.0	-60.90	1013	72.3*	34.2	-104.63	1129	107.7*	2 19.0	155.47	45.0	22.5	-81.04	953	72.3*	33.4	-104.82	1095	107.7*	2 22.8	140.31	45.0	23.0	-60.90	1013	72.3*	2 19.0	155.47	45.0	22.5	-81.04	953	72.3*												
4 17.9	169.41	40.0	18.8	-45.68	955	60.7*	38.7	-112.77	1156	119.4*	4 10.1	184.57	40.0	18.3	-45.80	891	60.7*	37.9	-112.98	1136	119.4*	4 17.9	169.41	40.0	18.8	-45.68	955	60.7*	4 10.1	184.57	40.0	18.3	-45.80	891	60.7*												
6 12.9	198.52	35.0	15.7	-36.07	910	54.0*	42.2	-127.30	1187	126.1*	6 5.1	213.67	35.0	15.3	-36.17	846	54.0*	41.3	-129.51	1158	126.1*	6 12.9	198.52	35.0	15.7	-36.07	910	54.0*	6 5.1	213.67	35.0	15.3	-36.17	846	54.0*												
8 8.0	227.62	30.0	12.0	-28.74	871	49.4*	45.1	-136.35	1170	130.7*	8 0.1																																				

## MODIFIED ORBITAL ELEMENTS FOR EARTH SATELLITES

REFERENCE TIME 1983 Y 6 M 00 D 1 H 17.66 M UT  
INCLINATION 41.28 DEG

ASCENDING NODE (LUNE) 05 24 DEC. 1955

PRIME SWEEP INTERVAL ONE DAY = 16-91 HRS.

ARGUMENT OF PERIGEE 288.04 SEC.

RATE OF CHANGE .0.77092 DEG. PER PERIOD  
ANGULARISTIC PERIOD

**ANESTHETIC PERIOD 115.187 MIN.  
RATE OF CHANGE 0.002**

RATE OF CHANGE -0.00046 MIN. PER PERIOD  
ESSENTIALLY 0.00000

RADIUS OF PERIGEE 1661.4 MILES

RADIUS OF SERVICE 500-1 MILES  
RADIUS OF SERVICE 500-2 MILES

RATE OF CHANGE -0.32 MILES PER DAY

ASCENDING NORE (P.A.) 159.65 REG.

RATE OF CHANGE -3.29870 U.S.C. PER DAY

LATITUDE OF PERIGEE-44.27 DEG.  
HEAD-145.00000

READ-IN EXPECTED MAG. +1